

# **NVR-B75-A10**

(With 3.5" SATA HDD)

## **Vibration Test Report**

**Report NO: 13I030023**

<b>Issued by:</b>	<b><i>Jerry Chen</i></b>	<b>/</b>	<b><i>2013/08/29</i></b>
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	<b>Engineer</b>		<b>Date</b>
<b>Reviewed by:</b>	<b><i>Tom Lin</i></b>	<b>/</b>	<b><i>2013/08/29</i></b>
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	<b>Sr. Manager</b>		<b>Date</b>

## Test item list

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1. *Test item list* ----- 3
2. *Random Vibration Operation Test* ----- 4

### Testing Result

Num	Test item list	Result	Remark
1	Random vibration operation test	Pass	

# Configuration of EUT

Num	Item	Spec
1.	System:	NVR-B75-A10 A1.0
	1. Main board	EMB-B75A
	2. BIOS	R1.1(EM75AM11)(08/31/2012)
	3. CPU Type	Intel Core i3-3220 Processor / (3M Cache, up to 3.30GHz)
	4. Memory	DSL 1333 4GB / ELPIDA J2108BDBG-DJ-F
	5. 2.5" SATA HDD	WDC D3200AAKX3.5" / 320GB*6
	6. Test Software	Windows 7 / Run BurnIn test 7.0 Pro
2.	Power Supply	ENP-7140SH2

## System picture



## HDD Kit



# Random Vibration Operation Test

**Test Date:** 08-27-2013

**Test Product:** NVR-B75-A10

**Test Site:** AAEON QE Dept.

**Test Standard:** Reference IEC68-2-64 Testing procedures  
Test Fh: Vibration; broad-band random test

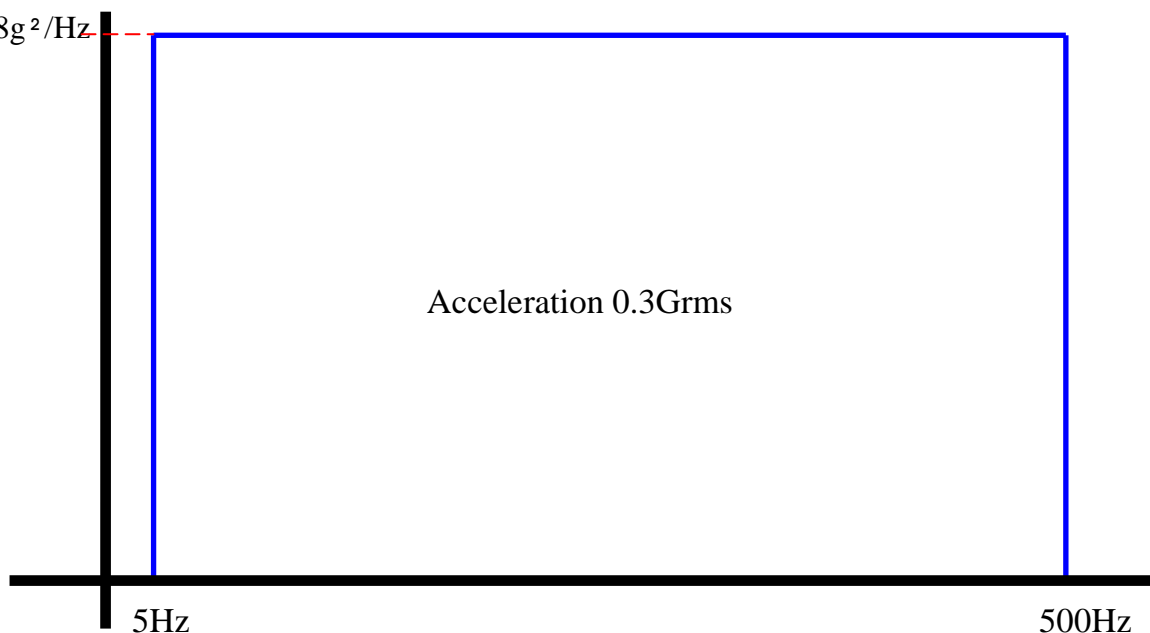
**Test Equipment:**  
Vibration Simulator System  
KING DESIGN Co. LTD.  
Model: KD 9363-EM-600F2K-40N20  
Serial Number: UU110099090  
Date of Calibration: 10/21/2012

**Test Condition:**

1. Operation
2. Test Acceleration: 0.3Grms Random
3. Test Frequency: 5-500Hz
4. Test Axis: X, Y, Z axes
5. Test Time: 60min each axis
6. Test Software: Windows 7 / Run BurnIn 7.0 Test Pro.
7. Test Vibration Curve:

PSD

0.00018g<sup>2</sup>/Hz



**Test Result:**

The structure of the system did not deform after testing, and all functions still work will.